

**Hybrid type antenna feeder protector
1/4 quarter wave +Gas-tube structure**

Application

Designed for antenna coaxial device and receive system not to be spoiled by lightning over-voltage, induced over-voltage and static discharge.

IEEE 802.11b and 802.11g WLAN

2G, 3G, 4G, 5G communication

GSM, CDMA, WCDMA, TD-LTE, FDD-LTE

Smart antenna, SDMA

Features

DC pass

Allow 2.176MHz signal to pass for AISG system

Reliable Performance from 698 MHz to 2.7GHz (DC pass)

DC continuity on center conductor for reliable operation

Multiple strike protection provides current handling capability of 20KA

Replaceable gas capsules for easy maintenance

Outstanding VSWR and IM performance

Bi-Directional Protection

Technical parameters

Model	R27D-FH	R27N-FH
Lighning proection zone(LPZ)	1-2	
Class		
According to DIN VDE 6075 Part 6 (Draft11.89)A1,A2	C	
According to IEC61643	II	
Max continuous operating voltage U_c	$\leq 70V$	
Max discharge current I_{max} (8/20 μs) I_{max}	20KA	
Working frequency--E1 port transmission	2M	
Working frequency--RF transmission	0.75--2.7GHz	
Protection level U_p (I_n)	$\leq 200v$	
Insertion Loss	$\leq 0.15db$	
Standing-wave ratio	≤ 1.15	
Interface form	DIN	N
Working conditions	Temperature: -40 to 80°C, Relative humidity: $\leq 95\%$	
Standards compliance	IEC6000, EN60950	
Mounting	Be installed between protected equipment and signal line	
Material	stainless steel+Copper/ silver white	
IP code	IP20	

Installation diagram

